RECORD

ZANONI

DECEMBER									
S	M	т	w	т	F	S			
			-2		2	1			
2	23	4	-5	6	7	8			
9	10	11	12	13	14	15			
16	17	18	19	20	21	22			
23	24	25	26	27	28	29			
30	31	JAN 1	2	3	4	5			



Film Fron Wolt

36
36
20

PERSONAL ACCOUNT BOOKS

No. 2044

Available Rulings JOURNAL CASH S. E. LEDGER RECORD

D. E. LEDGER

144 PAGES

U. S. A.

Docenter Mexico Docento Maria Lor Maria Juris Juris Juris Maria Ma

Thomas A Zanoni # 2561 A to 2855 Digitized by the Internet Archive in 2017 with funding from BHL-SIL-FEDLINK

What is ORIGIN OF Sed COAT OF PINEN + Juniper

tree 2654 does not have # in Sac (=J. compan) SALT 1 = 2577

6 December 1923 2561A J monospenma male 2561B J. monospenma Female Female 5 miles S of I25 at US 84 (road to) Santa Rosa, New Mexico. females - coner bluish bloom, chalky come surface bloom, in Pinon-Jungen oven grasses,

7 Dec. 1973 J. pinchotii Sudw 2562 on by-Pass Road, Imile 5 or US 285 at CARLSBAD, New Mexico. CREOSOTE, Mrt. mahogany Yucca, Jungaruspin chotis Imestone soil Small bush, 3 pt. tall FRUIT - Rose Brown - gore bloom Pulp- sweet, SOFT Pleshy Collected animal pellets cones drapping, some on ground,

8 December, 1973 South of Rt. 67+90, Aprile, lexas 2563 tol 2566 on Route 1/8, road to Big Bend National Park, BREWSTER Co., Texas. Juniperus erythrocampa 6.7 miles Sof Rt. 67-90 many Trees, very LARGE PG, oven many acres Jugars com for 25 miles along Road with Boutelova geacilis and Boutelova contiperfula Opentia (cholla type) Sitte Very Similar in Topography and VogerATin To chihvahvan 5,000 of J. Enyth rocanga. male cones pre Anthoris

8 Dec. 1973 J. erythnocarpa 2563 9.4 miles 5 of Alpine Female tree 20 feet tall, by 2563 no whips/Ripe corner

Rose pink/
green cones-few Ripe ones

[12]. roadside. And RogogoNS, Boutelouas J. erythrocorpa Same site as 2563 Rocks 2563 Conves very pre-anthen 2564 male tre 15 ft latt () J. enythrocapo-Female tree, same site as 2563
Ripe cones pink color, blommed
few ever
Cood terminal whys 2565 RPA said fewer cones one present than in 1970 5/ide= first three Roll I

8 December J. pinchotii 2566 22-3ft. tall, small shouls no bloom on Rones, cones falling
34 mi. off Road, to Chisos
Basin, Big BEND North PK,
Brewstop Con Texas Lucca, Opintia, Acacia, Ephedica 4800 ft. local males arepro- Anthesis

8 Dec 1973 2567-2571 Chisos Basin Camp BIG-BEND Natll Pank, BREWSTER Con Texas, 2567 Joerythrocome Mens Room at Chisos Basin Camp. 5400/2 bloom on Fones, 5 Pt-1 8 ftw. the W. the Sofinchotic, J. objection of flaccide, Agase

Boutelova y pacifis B. Continued Chrysothamors Andreopogon D. +54 (1610) Jeinchobil 5 Ft. x577. 2568 No bloom on cores mestry Spinchetie in area live otes Bank similar to I monogracition

2569 Jerry throcampa
8 Ft. Tack x loft wide

Comes with bloom

2590 Jony throcampa

20 Ft x 20 Ft

Comes with bloom

bronched at base

2591 Pellets collected near

Cabins' on bottom or Basin,

contain Junipen sceds

8 Dec. 1973 2577-2574 Behind calins, up stope (SE) From Basin Camp Mean Supply gapage 5800 ft. T. Flaccida J Charles, Tombita J. Placcida J Charles, J. pinchita J. crythrocompi, Rus (Smooth lease), Finus Cembizerdes few grasses underwalk 2572 JiFlaccida ___ Female, hext To Garage 6"dbh, x IFFT tall, few, gizeen comes with sea form Green, foliage very draging. Bank - grey, Ginnamonunderrock J. deppeana 25 73 8'abh, 15 FT. Tall. Thin BLUCK BURK Rones 5 mall, green Seu foam green with bloom J. Flaccida Vor. Prole Super Toll & 2574 8"dbh x 18 FT. Tall, PLACCIO BRANCHES

8 Dec.

male Jideppeana

Hilmiles Road To Chisas
Basin Camp, From road to
Panther Joti, Big Bond Naill
PARK, Brewster Co, Texas

Evengreen OAK, Red OAK
Piñon (Pinus cembroides),
J. dep, J. flac, J. pinchotis

Make comes much prior to authoris

10 Dec. 1973 J. ERYTHROCARPA on Rt. 54 (Km N or Guadalejan A) on E side of Road edge being 3,5 miles 5 of AGUA Nueva (N of Est. CARNEROS) Maries folling TING New Female comes post maturity Female comes dried out now Wildfuntia, Clematis, Acacia Yucca Spp., Mahonia (EnifoliaTA) Composition, Palemoniacear, grasses gravelly, dry 6500 ft. 2 males, I famale. 2FT. X2 f7. Shrub.

10 December 1913 SALT 1. J. Saltillensis

6400 FT,

Yucca spp, Ephedra, everyon oak, Buitelowas, Mahonia triformas, spiroidene shrub Branch top hooked Bank sheps.

Yellow green foliage

Towden bive cone L.

SOFT voucher Photos SOFT Fleshy Sweet Sweet Systemy by gravelly soil on hills, VERRY Common on 5'Lopes on Eside F ROAD.

> 1.9 mils E OF RA.54 on SIRT TRAIL Opposite Three THRAILER CARS in middle of Ron of CARS Used as houses at FOSA Asphilto EL MALMUT

2578 J. Salts llens is
with STRAIGHT Tips
6100FT.

0.8 mb, of Rt. 54, at
Same dut trait as 2577)
Single plant mean Thail

10 Pecilary (Photo, CORED) 2579 J. Saltillensis 12" dbh x 25 PT, tall, Pre-anthesis - male tree Barrie laced, grey white. 8,6 miles From Rt. 57 on Road Too Lus Lizies & El Tunal -E side of Rood, up dry gulch 100 FT. From Road 2580 next to (2579 true (see 2579) male, pre-anthoni 8"dbh x 15 Ft. Tall 2579+2580 acth Pinen, and thick under growth of MISTLETON Viry thick and
DAmasins to J. Saltillenss Jesaltillersis very comme For severar miles along Road way, -heartwood Res

10 Dec. 1973 J deppeara deppeara Der 2579

Sile CHEM, MORPH, PHOTO

BARK Similiar To J. paternara

Vucca, SSP, 2581 OAKS SPP., PINON, Yucca, ssp, Arbuts, J. Saltillensis, J. erythnocampa, at Golch bottom & UP Stope M & Side UF ROAD male cones, small, immature Jedepeun statlenes in Piñon woods, Very common throughout weeds in understory, with a Few Jisatt, & a fou J. eny (site is N or Casa BLANCA -ferrn.) Nearby J. deppearer Short STATURE in fields & woods -

2582 MORH & CHEM, J. M. D. ERYTHROCARPA 3 10 Dec. 1973 2Ft. X2Fc. Branched at base Bank grey setups to laced bounk Two between on comes Cooker brown come in woods with Jalgysean (2551) kerarch type Cerrord somewhat Un common (ove?) to being? dille potrude 6,5 mles From Rt. 57 on road to headens. (Pindesti)

2583 Pellets at 0,6 m. from
Rt. 57 on road to
Los Liros (6,8 mi. Sor ARTEAGA) J. Sallillen (very comm) and Thison. (lessoom) and 2583 Dicarded 15 April 1975 72 16 Dec 1973 2584 J. ERYThrocappa MoreH & Chem 7200 FC, nean Km 230 near high Pass on Et. 57 in Pinon woods with J. Ciry Coul very com Onderson show it anthesis. Mahonia CREPOLITA Thus Sp. ARISTIDA THREE GROSS, Agave, Boutelour Stien, Stien, 8 ft x 8 ft. Burk Shreddy gregulite, Cover ripe, bloom presist, few ones multistemment at base Come pulp seet Pleshy sweet july,

			1
	·		
		No. or	
		4.5	·
			•

11 Dec 1973 C,M,P Junipenus mono. gri = MLT type 2585,2586 on Wade of R1.57 non Kon 20, Nors Just South of La TRINIDAD. Site is 16.5 mi. N or San Roberto Juneton, Nova Leon TREES 20FT X 20 dbh Verry common as the OVER GRASSLAND Which is now pasture LITTLE REPRODUCTION PRESENT TREES, Conos with bloom, Seeds premunt 6400FT. Soil-siety males pre Anthosis

Mytos Junpenus (MCT Type)
at Km 70 North of
MATE HUALA, SCP
on Rt. 57., near Souta Rita

Junipens Very Common,
arborrescent.
W LARREA, - opentia - Yucca Forest

11 Dec 1973 C& Mif Juniperus flaccila van flaccida 2587 - (male) on Rt. 60 (Road to Lina Res);
AT SAN MARCOS, Galeana, NL. male preanthosis. with Tillandsia 18FT x 12" d64 MAHONIA TRIFOLIATA Corpositive, AGAVE fen grasses

Pressed & died specimen through Dec. 10

11 Dec. 1973 I monticula compacto Eside of Cerro Potosi 12000 Fr., Galeana, Nuevo Lon in Pinus colminicala thickors
with Euphonsia, seroum and
a few henss. mrc grey, weathered timesome semboly MCP 2588 12 Ft Tall x 2 ft. wide 2589 Branched, Shrubby plant Few female comes, green 2590 1591 MOST PLANTS with no comes. 2542 2594 I morpicala is common understory 2 516 shows under shrubby fine 2596 Colminicola. 2597 2598 Same sile as above 2588-2598 2593 TINUS Culminicala MCBUK 3Ft. Tall x15 ft wide 5 inches DBh. Seeds dispersing, consign

3

The J. montacola on Cerro Potosi' is in the form or very small plants, to Ital Efect dianeter

The drive from Galeana to the Microwave STATION on Cenno Potasi is 34 has Ride.

Role from base of Corro Potosi To pure Ruwave 5000 Tion 15 21 Km long

12 Doc. 1173 2600 to J. monosponer ver gracilis 2609 5900 fg. Few Female cones present bloom male cones pre-anthosis To mitten water con are connigated aston 2600 to / 28.4 Miles N OF Dre. ARROYO, 2609 on road to Galeana, Nuevo Leon, Mexico. I mone g is very commo limestone soils, EAST-FACING Sluge Opentia, Agave, Rhus, Mahonia Thokay shows on vies ; Side or Road, long teammat whips

12 Der1973 2600 8/1-tall x /off unde melteranked at base Bark-light gren laws. Cons- soft pullfol marron Bod Sun, light vose pulp color 2601 3fg. lall x 4 ft work 2"dbh multi branched at have Ift tall x I fle wife, 2'661 multibracked at buse 2602 5 st tall & 5 stunde, 1'dst multiblændet at lane. 2603 3-fit tall x Ift wide, 2"dbly mill brandon at base, I comes darker maron than others 2604 multiprended at love 2 605 few cones

12 000 1973 If tall x /Off unde x2"dsh 2606 male smill brades at how 2607 5 ft lack x/0 ft wite x 2 dsh 2608 while braded but last male - Anthonis 2609 6 Ft tall x loft wide x 2666 MCP

Fredery 14 Dec 1973 I monticola fcompacta 2616-2618 45 miles N CF A PARQUE MI CORTES, PARQUE Vacional IZTA-POPO Estapo de Mexico (on road to IZTACCIAVATE) 11600 FT, on bare volcanic Ruck OUTCROPS at Timber fine near finus HARTWEGII in ZacATAL OF CALAMAYROSTIS and testuca - Scaltened in rock outerops

> Junear foliage of tow with reddes h tinge Small (til Eft) sprawly shall

on Wside of ROAD

OFTEN on STEEP Rocky slopes

14 Dec 1973 13FT, tall x4ft wide 2610 Multitrades at base Ferale Cows green w/ It. green bloom 9 1/2 ft tall × 3 ft wike Multibrocked at bise 2611 C Female comes - mot sign = green + lt. bloom ryse = lenn green+ demale some still present or plat 3FT wide × 1/2 ft tall 26/2 07 multibranked at bone Morph Aller multitrædet near bare 2613 '2 ft tall x 3 ft wide 2007 Augsternet, long torner no q or of Green Multibarked at bose 26/4 J Cons green Lickey foliage

2615 1/2 ft. tall x I ft with.
Misphorky mult branched at base Tuvenile growth JUVerne muli branded at bore 26/6 Intall & Sft wide 2617 green cons If the talf & Stowelle Small had at love old nule cons stolonplat

26192625 8.7 pmls & of Rio Frio,
in the State of Puebla ret. 190. Local in local in the soils Local junipens in

fine & Ofk - June Wooks

(also at Wente Het Emperador

at 812 miles & 67 Ris FRIS) Tillandsia grows on Ideppenson
Tillandsia grows on Ideppenson

Groves green (station) with
a light bloom. box to their, few bronders in crown girl less donné Sturp Sproubfor cutdown tres Some Ryproduction noticel

12 dbh × 25 ft tall 2619 MPC of some beam, some lt. gren thin check. Bank sight sten Branked at bage Es'abh 2/20 25 ptall, 8 dsh Light the Chark Bank 30 ft tell, 18'dbh Single stem 2621 light thin, good chark bank 20 fax8"dbh 2622 The clock bank sigle stem 15 fr x 5"d5h Jew Cows, green Stracked Crom thin plant sale 20 ft tall X8"d64 2624 g Cons gree 4 Angle Her

20-11 tall X8 "dsh 5, rele stem the check back 2625 long tenend whigh this site (2819-2625) greet Engrander conflicted

State 190 - July 2 -New 1st. 190 Toll rom I ZTACCILVARY

15 Dec. 1973

2626 (Adams photos)

I deppeare deppeare

on Toll Road Rt. 150

3/4 min E or Amozoc, Rubbla

Exit and tell booth

along smeams & uporholls

scattened

8"dbh x 25 FT. Tall

4 cones green.

15 Dec 1973 262722636 J. monticola f. oritabensis 3 (10 tres) Pico de ORizaba, Puebla at shoulder Known locally as MALPAISERA 11 Subject de castillo on Brown Scope 12700 file Lord numb LITTLE or no other vegetation - on these Brie Rocks, but With Pines.
Mearby Vegethin scattered in Rock crevices includes Ribes, GNAphlivm, Composins GRasses, Junipons = Single snews that branch Shonry Above buse, / Low-spreadons, Sprauling shrubs. Several plants have very long branches (02+3 ft. by) Males in anthesis, and pass methoris Tunipens Common on this Wation

at edge or timberline

ROUTE to Picole ORizaba

et. 150 to Cd. SenDAN EXIT

N TO Cd. SENDAN (RI.194)

E TO San Martin Ojo

de Agua on

dirt ROAD

Arro Conthacongo

Up WSIDE or

Enizaba on dint Road

Trike about 2000 FT

up PEAR to

tymben Cme

15 Dec. 1973 J. deppeara despear was Sorts SOF ASENDAN on Rt. 144 at 3 trules Sor Senon To 8 miles 5 or Senda in Firs adin of woods And in Opentia - Agaile-Yuca Fier Ds. Some thees very old --This Checkered bank

15. December 1973 2637 to 2643 (7trees) De 34 mi. Nor Amozoc, Prebla What on Road (the RT. 150) To Ruebla, Ruebla, Ruebla. Ruebla, Puebla. Comminance or houses on WSIde of Road Disturbed Meas AT edge of Road and alway deep Aproyo, locally common, in corn fields and edges or settle-mate Trees to 12-15 dsh, to 20ft tall On pre Anthonis O come green with light coat of bloom. of bloom. Gallo comom in trees (applicator?)

17 Recebr, 1973 Observations I gamboara observed at Flores Magni, Chrases at 7400 FT. descends To -5600 ft. élev. at Teopisca J. gunboun has a broadly Confe CROWN. This species is seed as Chinesmas trees near Teopisca, Chiopas. Soil near NW ed grange on Petro There rocky, brown So. () I gamboura is seen on Shoulders or Road as a thry short, cott-oven plants May STUMP Sprout

18 Dec. 1923 2644th (10tres)

2653 Jungens Stardleys'
elev 10300 Fr. STAN Habril 16 miles North or The Town PLAZA OF HUE HUE TENANGO, GVATEMMA on RN 9N (road) to SAN JUAN IXCOY. (Anea has FROST this MORNING) Cons Zyrs? OF cones present. (a few comes as preanthers) Kocky CREST on MesA, Soil Rocky with Grasses, Conposite Eryngium. Azoves Cultivates

2644 O part anthem 1/2 pt dbh x 30ft, 5 ingle sta 2645 \$ 12"dbh x 15 ft. sugle sten 2646 9 18'dbh x 25 pt snylv stom nature fruit but pool. Je 12'dbh x 2011. Branched above base into 2 stem Q 18"dbh x 20ft, Single ston 2648 15" Abh x15ft, single stem 2649 9 18'dbh x 20ft, 5 nglesten 2650 I 12'dSh x 15ft., sigle sten 2651 24" dbh × 30pt, single stem 2652 I 18'dbh x 20 ft. Stem dwids who 2 just above here 2653

J. standleyi, was planted at while house at 8500 ft eleappx. 8-9 mils from the hie tengo,

18 Dec, 1973 - Comitana 2654-2665 (10tus) 12 miles & or Rt. 190, on Roste 17 (the road to Monte bello). Mun: La Trinitaria, Chiagres Lozal park ALT. 5750 FT. Low mors & basin on Some of Ra. I Constana, Ficus trees, Acación grasses, Conpositos Bromeliads, onchids, mosses & Lichon seen on Junipen & Cores SLIGHT bloom, many new 4 consant jet last FERTILIZATION STAGE. MOST MATURE Comes are green. OLD DRY Com one bride RED o' pre, Anth, Past Anthons Many SEEDLINGS were seen in this Fire, that's how Frazed

thees to 24" dsh x 35 FT.

SINGLE STEMMEN USUMLY
LATERALLY Branch of TO 200 3FT

Above base
Crom- Broadly comic
BANK. LACKED STRIPS TO J. Places

Twiss with little odor or TASETE

2655 to 2663 a ferale trees

J. gamboana near El Membrillo I miles Nor Comtan Chiajes, 2664-2673 Mens on Rt. 190. 64 cofi NE side or Road in Pine-oux Fonest abopting, over So. L- Small Rocks w/ Red Sort a much prior to Anthosis, 37ice snall yet of green, north fen delaised fruit hit very Comme Street small single stemed Streets shulk ha-de lot base Bark Grey black, alligation troots 24 deh x 30 fortall

Jegantona is comme as understory of part of overstory in Pine -oak words from Son, Cristobal to Comitan, Chrapar.

19 Dec. 1979 J. flaccida var. poblam 3 26)4 /2 seur San Dionisio Ocotepec furnos.

BAX on Rt, 190, Seg OAX. OAX 2681 (8tims) 6000 FT elvi, Along Nside of wad in fel. distribled weedly grassy arens With Acacia, Petalostemon, JAKS Thean cultivation AGAVET CORN FIELDS. Jungers Scattened along those uneas probably distribled
meas too Join - Fine grain, rock, Edige of comes sollow sneen with The Cost ox bloom To moch prion (Ime.) To maken To almost Att. There branches not placed at all, LANGE districtions foins. Crowns and Round balls STOM - MOLIN STEMS above Single ITEM

Terminal whips and mostry enect Mors 8-10" dbh x15-20FT Tall

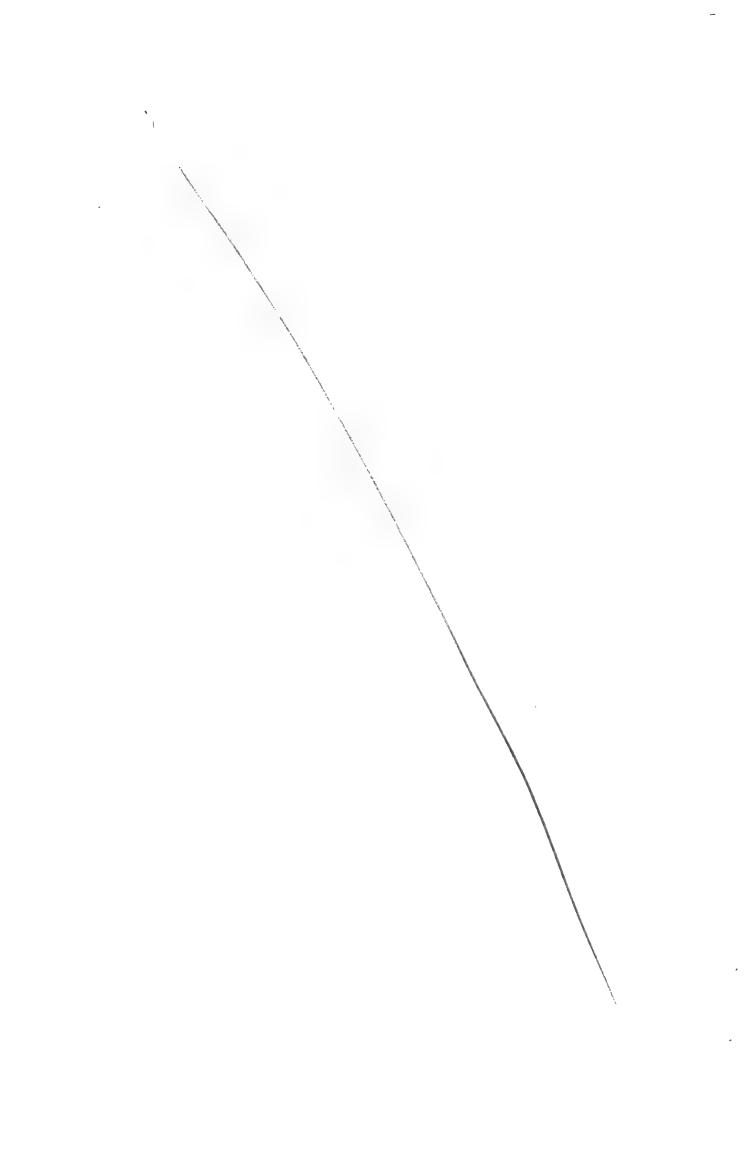
2682to2688 /7 tres 1 19 Dec 1973 7700 Ft elv. Rocky Slopes on NSIDE or on Rivs Facing Slopes.
With jumpers comm with
Lens below Gerlange, green w/ light Grat of bloom Many Ocones on hees Branches + Flaccid
Bark - laced grey-ta-Soil soft, crumbly white weathered Slimestone tree, to 12'dbh x 15-ft tall multibranched above lase

mang old () comes seen below

•

21 December 1973 J. florcider flacust 2689-2692 (1.6 miles Wor HUASCA, Hg. (4thes) (on word from RT. 105 to HUASCA) Assoc Acacia, Agave, Tideppean deppen of But I flace scatters. Orangore + port anthon I few conor, green with light blon Single stemmed to 25 ft tall Sorts Red 2693,2694,2695 = 2,2 pula IV or HUASCA on some road. Rol soils 5900fi 1ri OAK-Pine over, 07 A fint common, green with light blown

21 Dec 1973 2696-2702 J. deppeara depper (7tes) O. I miles Nor the El Chiroturnoss on RT. 105 (file = 6.5 mls Nor Town or Hackvery Hidalyu) Assoc, J. deppen & J. hanterte J. deppen is mayor everstry tree in junger Thicket trees to 10" dbh x 15 ft tall Trees mostly multiple stemmed Sort light tien, country rock - 7600 ft. 2703 Jemont: montiuder (Itual Same night am 2696-2702 single ster that browners



21 Der 1973 J. montieda montieda 2704-2711 (8 tres) 1/2 mle of Rt. 105 on Now food to El Chico, Hidden, or Proad is 6.3 mi. Nor Plaza w/ monoment in Pachuca, Hidalgo)
7600 15 1600 fr. IN OAK-LOODES and in Clearings, with AGAVE, Jideppeana,"
Jimonkeden hordicola, Abies
(Fin) words nearby, Stems- branded above ground & SPreading. of Past Antheris of +5 mall, they ones. and

of tomall, they ones and

frage als and green yet

with Light Coat or Bloom

22 Doc. 1973 27/2 to J. montrula f monticola 27/8 (7tes) 1.1 mile W or IANTOCO, D.F. soon kin 32 in

Rt. 15, Wort of Moshin listy

AT summed by wood of almit blo, ooo ft. al. + In Abies forest with Rosa, Ribels, Rubus and J. monts exter + As undersonny planted branded obove base, ofte shrobby to Single Stem & 10'dbh & 20-25 frag of mostly past anthony of cours commen green, shight Janging very common at this site on N side of froad in for works + in cleans along powerlines.

Might of way. re Show Jumps on Ssite of Hwy. 2719(1) - (7 trees) 2725

J. monticola Compacta

NE slope or Nevado

do Toluca, Mexico.

12800 pt. (SITE is beyond weather STATION ON ROAD TO CRATERS).

Above timberline on bare
Volcanie Rock GOT CRops
With GRASSES CorposinES
15-20 junipens thean this
SITE of Junipens thean this
SITE of Junipens
1 Grans X /2 Ft. tall
PROSTRATE, SPREADING, formy
MATS on Rocks
STEMS BRANCHER above base

QWold= leather brown newer = green with light bloom Newest = ting convers

Many & cons prosent (gran lage)

Some jungens show die back

22 Rev 1973 Ossewation Je flacenda flacenda roses seen 8 miles 5 or Toloca on hood to Sultepec (a) Cheoman along STROAM Danky at edge of grassland-pastine Foliage brands dropping 23 De 1973 A christier sævin a house in Jalpa Zacateers May be Jumpus dinagers.

24 December 1973 Jungein deggearn v. Zacatenns 2736-2735 9.6 muls NW of Sombrerete, Zer on _ Rt. 45. 7000 FT. elevation 700 Pol Sw side of word in pastino of grassles, acacia and J. despean zacition, Scattered & become common Shrubly to 15 Ft tall × 10 DBH MULTISranchol above base to Single Men, Bark - light thin checkored. of cons green with heavy while blom Way laye comes present or Preanthen 2726 in gonth last years \$19738

J. deppeara zacalers is very komm gutter, viv or fet. 45 being dosinat overstory plant. Soils redelikte zen, with small wike Lindowe area limestone rock is exposed on surface

old cones(9) on treos are leather brown with little

24 Dec. 1973 J. deposeana zacatensis 2736-2740 Hold 14.7 mls NW or Sombrerete, Facatecos on Rt. 45, neur C'JO de AGUA Piñon-Jon per woodland over - Limes none - with Yucca, opentia, Acacia, compositios & grasses. 7000 FT eles, Bark. Thin, Light Flakey cheeks. Lt. Gray. Shubsto arbond 1010"dbh A15FT. Grons guen, few heavy white bloom O'most are much foost arthus newest of are past dertily to stage, Some j'ungin are Single stends at this site

Observation

A live fungos degralos Nobrsta is used as a shistor trae at SAG Foresty Anspectin State on Rt. 40, just is at El Salto, DGO,

J. durangensis DUX 25 Dec 1973 2746 2748 2741 2742 2743 2749 2745 2750 2751 2744 J. patoriara J. depper fatour 2752 = DEP PAT BULK 2753 2754 J. depplan var. robustr near Rm. 152 an Rt. 40, W. OF Durago, Dgo.
AT PUERTO Buenos Aires (appx 30 mi. Wor El Salto, DGo)
920081. [2640 melers from foresty rep) STREITE (Buildins) · 19.40 K.151 Bedat Buenes Aires Jour Pto Brens Avens

Jugin durangens J. leggen patoman al J. Leggen robista in Pive-03x Junpen woods with Hnerosmphylos shoubs on RED ROCKS a Round 5 MEAN OFF Highway. Dep. Ros. DEP. PAT, DUR 18" V25 F7. 8"dbh x Size To 15"dbh x 15 FT. 15FT. STISTEN. Contoited Contorted fen many none som old g leather brom preanthon sigle stem Shub-to Singleste sugle stem habit arborest Branch STRAIGT Currel STRAIGHT Tips charkend asbestos shed (real STays BARK

26 Dec. 1973 OBSERVATIONS J. deppeara var. robusta war see at 7600 to 9200 FT elev. on Pet. 40, Dooto Mazalla) * localities with this species includo: Ojo de Agra Lor PALMITA EZ Soldado Santa Barbara TEPAL CATES NAVIOS CRUZ de PiedRAS ESTACION MICROCADAS EL TECUAN LIGNO GRANDE El MadroNo HACIENDA COYOTES El Salto NAVAJAS Las Combres LOS NEGROS ESTACION Microondes Las Rusias Lecheria Las Adjuntas La Civdad Buenos Aires

Q762 2755-26 Dec 1973 J-deppeana var. RobusTA 2763 between Km. 66 and 68, W OF DURANGO, DGO. ON Rt. 40 (TO MAZATUAN) PINE-OAK-ARCTOSTAPhylos-Junipen woods over Grasses Very Commun Juniper in Pine Forest. Dage fr. green withlight of Preanthan. Soil Rocky (Imposione?) mixed with quartech. Photo 2755 15 not specim 2755 but Spec 2757. 2755=09 18'dbh x 20 PT. Single sters

26 Dec. 1973 J. deppeana vue patoniana. 2764 BULK in 3.6 miles South or Clear the Town Square or El Satto TGO, on Road To PAI Pueblo Nuevo, DGO. on West side or Ravine wall, next To Roof only Junger tree or this Taxon observed with J. deppear vor robustro. Very old tree, apendood. Spandy foliated, few female 30-40 ft X. 3 ft dsh

26 Dee My 2765 J. Patoniana 2766-2770 J. blancoi = Toscate on Island in STREAM at botton or ARROYO SAN ANTONIO, SIVE is 3.2 miles 5 of Town Square or El Salto, DGV. J. blanevi de 8'dbhx 15FT. contort cons blue block suface, It blom puly ygreen. few sends. with J. depplara robusta J. despen Fatmion, The decement of fines lutea Fines lesophylla, Pinus aquealuite, Vinus teccote, Pinus duragains (lugius blanes (while) only 6-8 Shorthy Thlown:

26 Ker 1973 OBS FOR VATION Companio Maderesa de Dingo her cut J. leg rebusta for Lunber & cultivate 1 et in hussey 5 of ElSalto (12 yn olfhes) Daniel Reyes showed is the Viveness def Ciai. Madorero de Durage: J. de spen Robersta in this both lad site (bott-of arroys alog old flood plan) for were 3-4" dsh × 15ft tall.

apper. 12yrs-old. Royar

Hhutes that this nich soil god tes as the noval sites that are sortier, etc

26 Dec 1973 J. Blancoi 297/-ARROYO de Las Adjuntos, 1'2 mi-2 mls Nog 2775 Durago (12 km a of El Salto) in Pine works with J. des. robusta BULK to 20"dbh × 20 fitell single stom tree / BAB show Joseph SAB Shuls 2-3/That few first, only 29 there 5 haref. 8800 - 9000 ft. Scattert to rare at bottom of moist organi soil Arroys de los Adjusts, G' cas purply black, liblon, et y green prupp Of pre anthes

Solections That T. blanesi mun be scalled your ravines varroys It botto of arrop) four seed produces see Sor my this 7, 214 loved It giez

27 De 1973 2776- (8 twen + BULK) 2783 J. GRYThROCARPA Jonet. (Rt. 45 \$ 30). Durange In Boutecour grassic AND with Mahonia Enifeliate and Acacia: Scattered in this area, more common to North and to west. Afew occassional plants seen on RY. 30 (& to Torrean) Used for Fence posts locally, called 11TASCATE Parte colleited, no condeine of new clours 3 authoris

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28 Pec 1973 Tumpen flaccida flaccid. 2784 to -2790 13.8 miles East of San Roberto, Nueva Leon, Con Rt. 60 to Linared "San Marcos Site OAK- PINON - OPUNTA- AGAIST - Bouteloua- Jp. flaccida TillANDSTA in TREES of J. Flac. 15 to 20 jungers at This SiTE: Defacing arroyo SLOPE O' PREMAhoris J gran. Brownes of cleage flowert Sorts - It brown, rocky SAME SITE AS BUCK Collection or This Mip



2791- (7 trees) 2797 J. Aattillensis 28 Rec 1973 11.8 mules East of Son Roberto, N.L. & Son (on Rt. 60 to Linares) ON Exposion 50:15 in
Fields or BOUTELOUA VJp. Monospen gracels
The block surface with
light bloom Matneymunt
ready to fall, Sweet pulp
Juny Soft put Very commo as overstoy in grassfal and Understong in PINON.

MLT seen of ... on 1845)
E 1513 mi N of San Pedreto, NC

B La TRINIDAD, NL

SAN FERMANDON (24.7 ami Nogra)

E La ROSA, NL

D NAVIDAD, NL

O Providencia, NL

28Dec 1973 (5 samples) 2798-2802 AMLT = Monospen Scoal, 14.7 pmbs de San Roberto Melo Leon, near taing La TRINIDAD 6300 ft. Altrees in Granland with Bouldons to 20 ft x 22 ft 2BH on Mistern sid y Siona Madre Ovioted Prose color, with bloom moderate number of cens or pre anthoses stors Muthbrould athon to single stas Bark light grey interland



2803- (10 Thos)
2813 J. ERYTHROCARPA?

Mear Last Pass in monta,
5 of Saltito.

1.3 mi. Sor Los Lirios

1.3 mi. Sor Los Lirios turnore, on Rt. 57, Coah. 7100 fr.

14 Piñon-Juniper woods as understory shrub under piñon. Verry comme

Agavo, CAK, also Mahonia trifiliata, Jungerus saltillerus, Acacia

SAME SITE AS BULK ## 2584

2814- 7 J. Saltillensie 5 2822-2824 = ERY 2824 J. Ery? (LLR + \$165') 2500 pc. 28 Dec 1973 AT LOS LIRIOS SLIT on Rt. 57, Six Sattello. JALTIllensis occassing Abundre very Comm shreddy, while BARKTWIG 5 mooth, dark gray & large conos, metro Li. blom LT. bloom Rose? Bive black surfra SOFT Hesky prip Anthons, many applants 07 pre-dathers Mannor feces with J. saltithes fix seeds sen at this site. MB-UR is seen on opposite side of rood along sence endently due to laid drypy

2000 1973 2825-2831 (7 tres) Tideppeana disposeana Now to Los lieres, Coch (BULK of # 2581sam site) Los Lirius exist is 5 or the 4th Rio Cherro bridse en 1857) 12 PINON- Juniper-OAK over grasser

29 Dei 1973 Searchard for J. Saltillens at Leviles Serdan, Chih, did not see any rungin saltillem No Rabelats look sudable for this years Perhaps Phingle got his notificate mapled my t collected this species somewhere Maviles Serdien (Mina Sta. Eulilei

2832 - (7 tres) 30 Pec 1973 2838 J. depplan Robust 10.6 mils Wor Cranktemoc, ach Town Savane, near the Poblado or Casa Colorado. South Stale of Red. CH N Facing Supe W/ Piñan - Evergreen-Jp. gleppeon robista woods Little ground core usually single stermed in works A green, light blom old com ore red brom of preanthoris To 20 pt tall × 15-20" dbh Singled stemmed, in hours Some other plants are multie branded at just above ground level

protinding.

Back-gray bloom, thing scale chester.

Jungees are more commental bother of this plage

Temperus eythrocayne 30 Dec. 1973 2839-2845 5,1 muls E of The town square in Cvarhtemol, Chih. on Rt. 16, near Santa Lucia. Very common in rolling Tills grosslad inthe Area used at pastenes Fresh cover large, mattere nose soft flesh sweet puls lt. blow duel g an ground tun to a lt. orage color as many old wrenkly cones shell to groull beneath Dans! or pre anthis

Shuly multiplinded atal above trase Some efende soms aggren, to be squaded while still on bushes. - Bird clamage? Bank laced, It grey to 2 dimet x 5 ft tall I looks like these are of looks like these are at looks like these are at looks like these are

2846 16 J. monogena van monosperna 7895 (10 (Nes) Exit 4 To STARKVILLE, Sor TRINIDAD GlonADO. MoNo LAS Animas County (11/2 miles N or New Mexico State Ine) on NESIDE of junction of I-25, noar Truck WeiGHING STATION. appr 6400-6500 ft ela Rocky soil. with Piñon, OAK, Rhus trilobata, Chraysothamonus. In Pinon- Juniper woodlad on W facing Slepe, Very dense thee Browth, multibranded at Gose, to 15 ft to Sizms -BURK ' interliced smirs Whip: evet O' préanthous (very pre-) I rije lærge sige, chalky blue-block appeared through Bloom Birds eating junger berries

Today, in Snow. Thees snow covered.





 MARS

CETENAL

Comission de estroios del

Territorio Macional

1694 Insurgentes Sur

Mexico, DE

Topography,
Grography,
Grography,
Bloodel Sielo
Edaphol.
Uso petenciar

I duragensis on Moral for JALPA to TLALTENANGO in Pine OAK words 18 FT. tall. Most 195 Bono

No 650 No Amir And 370

Most 195 Bono

V - 100 Mar

10 Dic =

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20 °F die Nocho 117210 - Jours



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